

Notice of Allowability

Application No.

10/799,741

Examiner

Binh V. Ho

Applicant(s)

RIMMER ET AL.

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/31/2005.
2. ☒ The allowed claim(s) is/are 1,3-23,25-41 and 43-46.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

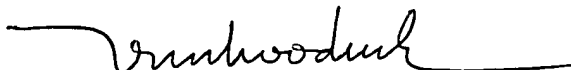
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 01/11/2006.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

TRINH DINH
PRIMARY EXAMINER



DETAILED ACTION

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and /or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.3.12. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. The following claim has been amended upon agreement by applicant during a telephone conversation with Mr. Jordan Sigale on 01/11/2006.

Amendments to claims 1, 23, 36, 41, and 46:

Claim 1 (Currently Amended):

A lighting system comprising: a power supply having a power supply input to receive a first signal having a first frequency, a circuit for converting the first signal to a second signal, and at least one power supply output to output the second signal, the second signal having a substantially constant current and a second frequency distinctly higher than the first frequency; at least one luminaire having a lamp coupled to a lamp driver circuit, the lamp driver circuit having an input for receiving the output signal from the power supply and configured to use the received output signal to operate the lamp; and a flexible cable connected between the lamp driver input and the at least one power supply output, wherein the power supply is configured to maintain the second signal at the substantially constant current throughout a predetermined range of load impedences present at the power supply.

Claim 2 has been canceled.

Claim 23 (Currently Amended):

A lighting system comprising: a power supply configured to receive a first signal having a first frequency and output a second signal having a substantially constant current and a second frequency distinctly higher than the first frequency; wherein the second signal output from the power supply is capable of operating a luminaire mounted at a remote location from the power supply, wherein the power supply is configured to maintain the second signal at the substantially constant current throughout a predetermined range of load impedances present at the power supply.

Claim 24 has been canceled.

Claim 36 (Currently Amended):

A lighting system comprising: a lamp driver having an input for receiving a substantially constant current signal from a remotely located power source and a circuit for using the received signal to operate a lamp associated with the lamp driver, the substantially constant current signal having a frequency distinctly higher than a power line signal; wherein the power supply is configured to maintain the second signal at the substantially constant current throughout a predetermined range of load impedances present at the at least one power supply.

Claim 41 (Currently Amended):

A lighting system comprising: a power supply having a power supply input to receive a first signal having a first frequency, a circuit for converting the first signal to a second signal, and at least one power supply output to output the second signal, the second signal having a substantially constant current and a second frequency distinctly

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higher than the first frequency; and a lamp driver circuit having an input for receiving the output signal from the power supply and configured to use the received output signal to operate a lamp; wherein the power supply is configured to maintain the second signal at the substantially constant current throughout a predetermined range of load impedences present at the at least one power supply and wherein the lamp driver input is capable of being connected to the at least one power supply output by a flexible cable.

Claim 42 has been canceled.

Claim 46 (Currently Amended):

A method for operating a lighting system comprising: receiving, at a first location, a power line signal having a first frequency converting the power line signal to a second signal, the second signal having a substantially constant current and a second frequency distinctly higher than the first frequency, transmitting the second signal to a lamp driver located in a second location remote from the first location, wherein the power supply is configured to maintain the second signal at the substantially constant current throughout a predetermined range of load impedences present at the at least one power supply and using the second signal received at the second location to operate a lamp.

3. The Examiner's amendment has been made in order to place the application in a condition for allowance.

Reason for Allowable

4. The following is an examiner's statement of reasons for allowance:

The art of record fails to teach a lighting system comprising the power supply having a circuit for converting a first signal to second signal having a substantial constant current wherein the power supply is configured to maintain the second signal at the substantially constant current throughout a predetermined range of load impedances present at the power supply with a combination of all recitations as defined in claims 1, 23, 36, 41, and 46.

Therefore, claims 1, 3-23, 25-41, and 43-46 are presently allowed.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Inquiry

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Binh V. Ho whose telephone number is 571 272 8583. The examiner can normally be reached on M-F from 8:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don K. Wong can be reached on 571 272 1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TRINH DINH
PRIMARY EXAMINER

Binh V Ho
Examiner
Art Unit 2821

Binh Van Ho
01/12/2006

